

File 344:Chinese Patents Abs Aug 1985-2003/Jan
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)
 (c) 2003 JPO & JAPIO
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200321
 (c) 2003 Thomson Derwent
 ?ds

Set	Items	Description
S1	3640	AUCTION? OR BID OR BIDS OR BIDDING? OR DUTCHAUCTION? OR REVERSE()AUCTION?
S2	64111	FINANCIAL() (INSTITUTION? OR ORGANIZATION? OR ORGANISATION? OR SERVICE? OR COMPANY OR COMPANIES) OR CREDIT() (UNION? OR ASSURANCE?) OR BANK OR BANKS OR BANKING
S3	32260	GUARANTEE? OR FACTORING()AGREEMENT? OR AGREEMENT?
S4	7763	(PARTIAL OR PORTION? OR PARTIALLY OR FRAGMENT?) (5N) (PAYMENT? OR FEE OR FEES OR COST? OR CHARGE? OR BILL OR BILLS OR BILLING? OR INVOIC?)
S5	122	S1 AND S2
S6	9	S5 AND S3
S7	0	S6 AND S4
S8	0	S1 AND (FACTORING()AGREEMENT?)

6/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015041809 **Image available**
WPI Acc No: 2003-102325/200309
Related WPI Acc No: 2002-154662
XRPX Acc No: N03-081716

Anonymous trading system for foreign exchange spot, has credit agent nodes for storing credit limits for group of logically separate trading floors

Patent Assignee: ELECTRONIC BROKING SERVICES LTD (ELBR-N)
Inventor: CRANE A G; GINSBERG P M; HOWORKA E R; IACCHEO S; JAIN N;
KRISHNASAMI S; MCPHERSON R S; MEROLD M S; MILLS G D; NEYMAN V; SHU J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020133455	A1	20020919	US 2000602496	A	20000623	200309 B
			US 2001896220	A	20010629	

Priority Applications (No Type Date): US 2001896220 A 20010629; US
2000602496 A 20000623

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020133455	A1		24	G06F-017/60	CIP of application US 2000602496

Abstract (Basic): US 20020133455 A1

NOVELTY - Multiple matching engines match **bid** and offer orders input from trader terminals and assist in executing deals where orders are matched. A market distributor distributes order messages to the trader terminals. A credit limit storage unit has credit agent nodes for storing credit limits for a group of logically separate trading floors.

USE - For trading financial instruments such as foreign exchange, forward rate **agreement**, CFD, short-dated government and/or central **bank** paper, commercial bill, CD, inter-**bank** deposit, commercial paper, repos, interest-rate futures, swaps, options and various tailor-made variants on the basic products. Also used for trading non-financial products such as commodities.

ADVANTAGE - The use of credit agent node allows the users of the system the flexibility of assigning credit from trading floor to counterparty trading floor, from one of a group of trading floors to individual or a number of groups of trading floors, from institution to institution or any combination of these local and global credit arrangements. This allows users greater flexibility and assist in full utilization of available credit limits during the course of a trading day.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic architecture of the trading system.

pp; 24 DwgNo 9/11

Title Terms: TRADE; SYSTEM; FOREIGN; EXCHANGE; SPOT; CREDIT; AGENT; NODE;
STORAGE; CREDIT; LIMIT; GROUP; LOGIC; SEPARATE; TRADE; FLOOR

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014853513 **Image available**
WPI Acc No: 2002-674219/200272
Related WPI Acc No: 2002-114619

XRPX Acc No: N02-533131

Anonymous trading system for trading financial/non-financial product, includes order input interfaces and associated matching engine to execute or reject linked orders

Patent Assignee: ELECTRONIC BROKING SERVICES LTD (ELBR-N)

Inventor: FORAY A P; HOWORKA E R; IACCHEO S; JAIN N; MEROLD M S; NEYMAN V; SHU J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020107781	A1	20020808	US 2000603389	A	20000623	200272 B
			US 2001897594	A	20010629	

Priority Applications (No Type Date): US 2001897594 A 20010629; US 2000603389 A 20000623

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020107781	A1		20	G06F-017/60	CIP of application US 2000603389

Abstract (Basic): US 20020107781 A1

NOVELTY - Matching engines match **bid** and offer orders input by several order input devices and execute deals when the orders are matched. Brokers (100,102,104) connected to communication network, distribute **bid** and offer information to the trading agents (106,108,110). Order input interfaces and corresponding matching engine match and execute several orders linked together or reject the linked orders.

USE - For trading financial products such as foreign exchange (FE), forward rate **agreement** (FRA), FE forwards, CFD, Short-dated state/central government **bank** paper, commercial bill, CD, inter- **bank** swap, commercial paper, repo, interest rate future, swap and options and non-financial products such as commodities.

ADVANTAGE - The trading system handles joint execution orders, compound orders and a range of limit type orders input by traders, hence the system is used for more sophisticated transactions.

DESCRIPTION OF DRAWING(S) - The figure shows the message flow at the completion of joint execution order.

Brokers (100,102,104)

Trading agents (106,108,110)

pp; 20 DwgNo 14/14

Title Terms: TRADE; SYSTEM; TRADE; FINANCIAL; NON; FINANCIAL; PRODUCT; ORDER; INPUT; INTERFACE; ASSOCIATE; MATCH; ENGINE; EXECUTE; REJECT; LINK; ORDER

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014405730 **Image available**

WPI Acc No: 2002-226433/200228

XRPX Acc No: N02-173782

Electronic auctioning method involves providing product information from auction management through digital television channel in response to buyer's purchase offer

Patent Assignee: WCL WIRELESS COMMERCE LTD OY (WCLW-N)

Inventor: KIVIMAEKI B

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169345	A2	20010920	WO 2001FI269	A	20010319	200228 B
AU 200148386	A	20010924	AU 200148386	A	20010319	200228

Priority Applications (No Type Date): FI 2000623 A 20000317

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200169345 A2 E 26 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200148386 A G06F-000/00 Based on patent WO 200169345

Abstract (Basic): WO 200169345 A2

NOVELTY - A potential buyer transmits digital message about a product purchase offer to an **auction** management system (230) through a digital television return channel (270). The management system in response to the buyer's purchase offer, provides product information through a digital television channel (206).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Electronic **auctioning** system;

(b) A business model for performing an **auction**

USE - For performing electronic **auctioning** for products including new goods, secondary market goods, services, collectibles.

ADVANTAGE - The **auction** is made entertaining, as viewer has immediate access to the **auction** to get instant information on possible acceptance of user's offer. The user does not need to make data connection over telephone line to the **auction** management system. The payment of bought products is confirmed by digital television operator. The user is able to make an offer quickly without any need to make a telephone connection and authentication procedures. The user need not make special **agreements** with **banks** or the **auction** service provider to start using the **auction** service. The user does not need to have a phone with internet connection and neither does the digital television system need to have a capability to provide internet services.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of an electronic **auction** system.

Digital television channel (206)

Auction management system (230)

Digital television return channel (270)

pp; 26 DwgNo 2/5

Title Terms: ELECTRONIC; METHOD; PRODUCT; INFORMATION; **AUCTION** ;
MANAGEMENT; THROUGH; DIGITAL; TELEVISION; CHANNEL; RESPOND; BUY; PURCHASE
; OFFER

Derwent Class: T01; W02

International Patent Class (Main): G06F-000/00

File Segment: EPI

6/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014270837 **Image available**

WPI Acc No: 2002-091538/200213

XRPX Acc No: N02-067433

Electronic auction system for financial services e.g. business loans wherein agreement is reached between the borrower and lender(s) over loan amounts and interest rates automatically

Patent Assignee: TOSHIBA KK (TOKE); KINYU KOGAKU KENKYUSHO KK (KINY-N);
MIWA GINKO KK (MIWA-N); SHIRAKAWA H (SHIR-I); WAYO INT CONSULTING KK
(WAYO-N); ENDO S (ENDO-I); MATSUMURA Y (MATS-I); MIYOSHI M (MIYO-I);
NISHIKAWA T (NISH-I); OHMORI K (OHMO-I); UCHIHIRA N (UCHI-I)

Inventor: ENDO S; MATSUMURA Y; MIYOSHI M; NISHIKAWA T; OHMORI K; SHIRAKAWA H; UCHIHARA N

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1122664	A2	20010808	EP 2001102175	A	20010202	200213 B
US 20010020233	A1	20010906	US 2001773913	A	20010202	200213
JP 2001216403	A	20010810	JP 200028108	A	20000204	200213

Priority Applications (No Type Date): JP 200028108 A 20000204

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1122664 A2 E 30 G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

US 20010020233 A1 G06F-017/60

JP 2001216403 A 16 G06F-017/60

Abstract (Basic): EP 1122664 A2

NOVELTY - Both the borrower and lender register with the system. The lender specifying the amount they wish to invest and the interest rates they expect. The borrower give details of their business security e.g. a balance sheet and the reason for the loan e.g. equipment investment and requests a loan amount and repayment rate. The system then matches the two requests or gathers more than one lender to match the requested amount.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the **auction** method used to reach loan **agreements**.

USE - To provide a financing service for business loans that allows lenders and borrowers to negotiate directly.

ADVANTAGE - This system operates outside the mainstream **banking** system and allows direct contact between lenders and borrowers, hence the interest rates and decision times on loans are much lower. The system also allows multiple lenders to make a loan if no one lender can meet the required amount.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the loan tendering process

pp; 30 DwgNo 2/6

Title Terms: ELECTRONIC; **AUCTION**; SYSTEM; FINANCIAL; SERVICE; BUSINESS; AGREE; REACH; LOAN; AMOUNT; INTEREST; RATE; AUTOMATIC

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

File Segment: EPI

6/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014189484 **Image available**

WPI Acc No: 2002-010181/200201

XRPX Acc No: N02-008522

Repurchase agreement trading system has trading terminals providing hierarchical list of repurchase agreement opportunities, so that user directly communicates with selected potential repurchase agreement counterparty

Patent Assignee: BLACKSTEIN K M (BLAC-I); FINKELSTEIN E B (FINK-I); NAKDIMEN K D (NAKD-I)

Inventor: BLACKSTEIN K M; FINKELSTEIN E B; NAKDIMEN K D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010037284	A1	20011101	US 2000192486	A	20000327	200201 B
			US 2001818483	A	20010327	

Priority Applications (No Type Date): US 2000192486 P 20000327; US
2001818483 A 20010327
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20010037284 A1 19 G06F-017/60 Provisional application US 2000192486

Abstract (Basic): US 20010037284 A1

NOVELTY - The trading terminals display hierarchical list of repurchase **agreement** opportunities, so that user at trading terminal selects one of **agreement** opportunities and communicates directly with a potential repurchase **agreement** counterparty.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Negotiated exchange for facilitating transactions between potential counter parties and enabling communication between the parties to negotiate terms of transaction;

(b) Repurchase **agreement** exchange method
USE - Repurchase **agreement** trading system.

ADVANTAGE - Allows automated translation into various languages. The potential counterparty negotiations taking place in the negotiated matching system is accomplished using pre-formatted display window. Facilitates transactions by identifying potential counter parties and facilitating communication there between. Distributes **bid** and offer information entered into system to users of the system. The **bids** and offers are filtered using ranking data entered by users, thereby limiting **bids** and offers displayed to individual users. Allows **financial institutions** to keep their credit practices confidential.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the operation of negotiated exchange system.

pp; 19 DwgNo 2/4

Title Terms: AGREE; TRADE; SYSTEM; TRADE; TERMINAL; HIERARCHY; LIST; AGREE; SO; USER; COMMUNICATE; SELECT; POTENTIAL; AGREE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014141126 **Image available**

WPI Acc No: 2001-625337/200172

XRPX Acc No: N01-466095

Conducting network-based credit application process in finance business operations

Patent Assignee: ACCENTURE LLP (ACCE-N); ANDERSEN CONSULTING LLP (ANDE-N)

Inventor: CHU K; CORNELIUS R D; STEPNICZKA A

Number of Countries: 087 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200146889	A2	20010628	WO 2000US35216	A	20001222	200172 B
AU 200122914	A	20010703	AU 200122914	A	20001222	200172
EP 1259916	A2	20021127	EP 2000986732	A	20001222	200302
			WO 2000US35216	A	20001222	

Priority Applications (No Type Date): US 99470805 A 19991222; US 99469525 A 19991222; US 99470039 A 19991222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200146889 A2 E 530 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT UA UG UZ VN YU ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200122914 A G06F-017/60 Based on patent WO 200146889
EP 1259916 A2 E G06F-017/60 Based on patent WO 200146889
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200146889 A2

NOVELTY - Credit application is received from buyer via a network, and sent to the **bank** through a network for assessment based on credit application. On approval, buyer is registered by assigning an identifier, so that a password is generated for the buyer. The identifier and password are stored in a database. The buyer is sent a password utilizing the network.

DETAILED DESCRIPTION - The buyer is issued a card reflecting the identifier, and may be delivered by courier, receipt of which is acknowledged by buyer to the **bank**. A credit limit may be set as well as a line of credit. AN INDEPENDENT CLAIM is made for:

(a) A computer program embodied on a computer readable medium for credit application process;
(b) A system for carrying out a credit application process;
(c) A method for initiating an **agreement** utilizing a network; and

(d) Method of providing information services while facilitating a transaction between a buyer and seller utilizing a network.

USE - For credit application process.

ADVANTAGE - Uses object-oriented programming, which is used to develop complex applications, which allows creation of an object that is part of another object. Information may be displayed on procedures involving the goods, and current events utilizing the network. Risk associated with the transaction may be reduced by offering insurance.

DESCRIPTION OF DRAWING(S) - Drawing illustrates several e-Commerce capabilities of the VTrade system, including e-Information Convergence, e-Procurement, e-Billing and e-Invoicing, and e- **Auctioning** .

pp; 530 DwgNo 3/111

Title Terms: CONDUCTING; NETWORK; BASED; CREDIT; APPLY; PROCESS; FINANCIAL; BUSINESS; OPERATE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014118035 **Image available**

WPI Acc No: 2001-602247/200168

XRPX Acc No: N01-449425

Transaction initiation method for virtual trade financial framework, by establishing agreement using secondary document received and checked by a bank

Patent Assignee: ACCENTURE LLP (ACCE-N)

Inventor: LEONG C W; NG W

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200146846	A2	20010628	WO 2000US35429	A	20001222	200168 B
AU 200122940	A	20010703	AU 200122940	A	20001222	200168
EP 1252581	A2	20021030	EP 2000986759	A	20001222	200279
			WO 2000US35429	A	20001222	

Priority Applications (No Type Date): US 99470044 A 19991222; US 99470030 A 19991222; US 99470041 A 19991222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200146846 A2 E 531 G06F-017/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200122940 A G06F-017/00 Based on patent WO 200146846

EP 1252581 A2 E G06F-017/00 Based on patent WO 200146846

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200146846 A2

NOVELTY - An **agreement** is established between a buyer and seller (1502), initiation and payment document is received by a facsimile transmission selected from certificates e.g. insurance, inspection, invoice declaration, counselor's invoice etc. The document is sent and checked by a **bank** and the buyer accesses the document via the **bank**.

DETAILED DESCRIPTION - INDEPENDENT claims are also included for a computer program stored on a computer readable medium, a system for initiating **bidding** in a virtual financial environment.

USE - For virtual trade financial framework i.e. e-commerce.

ADVANTAGE - It provides authenticity, privacy, non-repudiation, non-refutability and integrity during virtual transaction.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart illustrating a process for initiating a transaction in a virtual trade financial framework.

Establishing An **Agreement** (1502)

pp; 531 DwgNo 15/111

Title Terms: TRANSACTION; INITIATE; METHOD; VIRTUAL; TRADE; FINANCIAL;

FRAMEWORK; ESTABLISH; AGREE; SECONDARY; DOCUMENT; RECEIVE; CHECK; **BANK**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/00

File Segment: EPI

6/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013303289 **Image available**

WPI Acc No: 2000-475224/200041

Related WPI Acc No: 2000-422479; 2000-441577; 2001-457307

XRPX Acc No: N00-354577

Electronic auction performing method involves reading information in short message, to determine the purchase offer of potential buyer

Patent Assignee: WCL WIRELESS COMMERCE LTD OY (WCLW-N)

Inventor: KIVIMAEKI B

Number of Countries: 091 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200022906	A2	20000427	WO 99FI1024	A	19991210	200041 B
AU 200016630	A	20000508	WO 99FI1024	A	19991210	200041
			AU 200016630	A	19991210	
EP 1238525	A2	20020911	EP 99959465	A	19991210	200267
			WO 99FI1024	A	19991210	

Priority Applications (No Type Date): WO 99FI1024 A 19991210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200022906 A2 E 21 H04M-011/06

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN

CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200016630 A H04M-011/06 Based on patent WO 200022906

EP 1238525 A2 E H04M-003/42 Based on patent WO 200022906

Designated States (Regional): AT AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200022906 A2

NOVELTY - A short message including information on new offer of the potential buyer is generated. Then, the short message is transferred from the buyer to the **auction** management system (290). The information in the short message is read, for determining the purchase offer of the potential buyer.

DETAILED DESCRIPTION - Initially, information on a product in sale is provided to at least one potential buyer. Then, purchase offer for product is obtained from the potential buyer, which is then transmitted to the **auction** management system. The information on the new offer of the potential buyer includes at least product identifier, offered monetary amount and buyer identifier. The products are new article, secondary market article, service or collectible. An INDEPENDENT CLAIM is also included for system for performing electronic **auctions**.

USE - For performing electronic **auctions** by providing communication between the user and **auction** management system using short message service (SMS) of mobile communication system.

ADVANTAGE - Enables conveying payment of the bought products via mobile system operator. Since payment can be added in the subscriber's telephone bill or **auction** service, provider can use the subscriber information for sending an invoice to the buyer, need for separate payment **agreements** between user, **auction** service provider and **bank** is avoided, and hence only **agreement** between the **auction** service provider and mobile system operator for transaction of payments, is required.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of exemplary electronic **auction** system.

Auction management system (290)

pp; 21 DwgNo 2/5

Title Terms: ELECTRONIC; **AUCTION**; PERFORMANCE; METHOD; READ; INFORMATION; SHORT; MESSAGE; DETERMINE; PURCHASE; OFFER; POTENTIAL; BUY

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): H04M-003/42; H04M-011/06

International Patent Class (Additional): G06F-017/60; H04Q-007/22

File Segment: EPI

6/5/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012325494 **Image available**

WPI Acc No: 1999-131601/199911

XRPX Acc No: N99-095898

Computer based transaction system for banks - has payment tracking unit which processes data representing premium payments from each subscriber and annuity payments made to each beneficiary

Patent Assignee: HAGAN B P (HAGA-I)

Inventor: HAGAN B P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5864685	A	19990126	US 94203214	A	19940228	199911 B

Priority Applications (No Type Date): US 94203214 A 19940228

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5864685 A 24 G06F-017/60

Abstract (Basic): US 5864685 A

NOVELTY - A depository monitoring unit coupled to processor and storage, processes data representing depository accounts insured by deposit insurance and ensures whether insurance requirements are met for all depository accounts and beneficiaries. A payment tracking unit processes data representing premium payments from each subscriber and annuity payments made to each beneficiary. The depository monitoring unit determines whether each ownership share of depository account, computed by payment tracking unit for each beneficiary exceed deposit insurance and deposit contracts are redeemed to ensure fulfillment of insurance requirements for all depository accounts and all beneficiaries. Also additional deposit contracts are invested so that insurance requirements are met for investment account structure for all beneficiaries in all participating depository institution. DETAILED DESCRIPTION - The payment tracking unit is coupled to processor, storage and depository monitoring unit for inputting data representing all transaction of investment account structure for computing ownership of share of investment account structure of each beneficiary. A reporting unit coupled to processor and storage, processes data and provides human readable reports on subscribers, beneficiaries, annuity contracts, participating **financial institution** and depository accounts. A **bidding** unit coupled to processor and storage, inputs and processes data representing depository accounts being offered by participating **financial institution**. Payment tracking unit also processes data representing interest payments from principal payments to depository institution in order to activate redeem and invest process so that requirements are met for investment account structure for all beneficiaries in all participating institution.

USE - For account management in **bank** and investment management in insurance companies.

ADVANTAGE - Manages fixed or variable annuity contracts that provide **guaranteed** income that changes with respect to time. Updates depository storage area at block for use in next processing. Processes are performed daily, weekly or monthly based on frequency of transaction input, annuity, income payments and other system events. Generates detailed reports for listing all entity instances and summary reports, thereby providing total of various quantities of interest.

DESCRIPTION OF DRAWING(S) - The figure represents flowchart for computer based transaction system.

Dwg.2/9

Title Terms: COMPUTER; BASED; TRANSACTION; SYSTEM; **BANK** ; PAY; TRACK; UNIT ; PROCESS; DATA; REPRESENT; PREMIUM; SUBSCRIBER; MADE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI